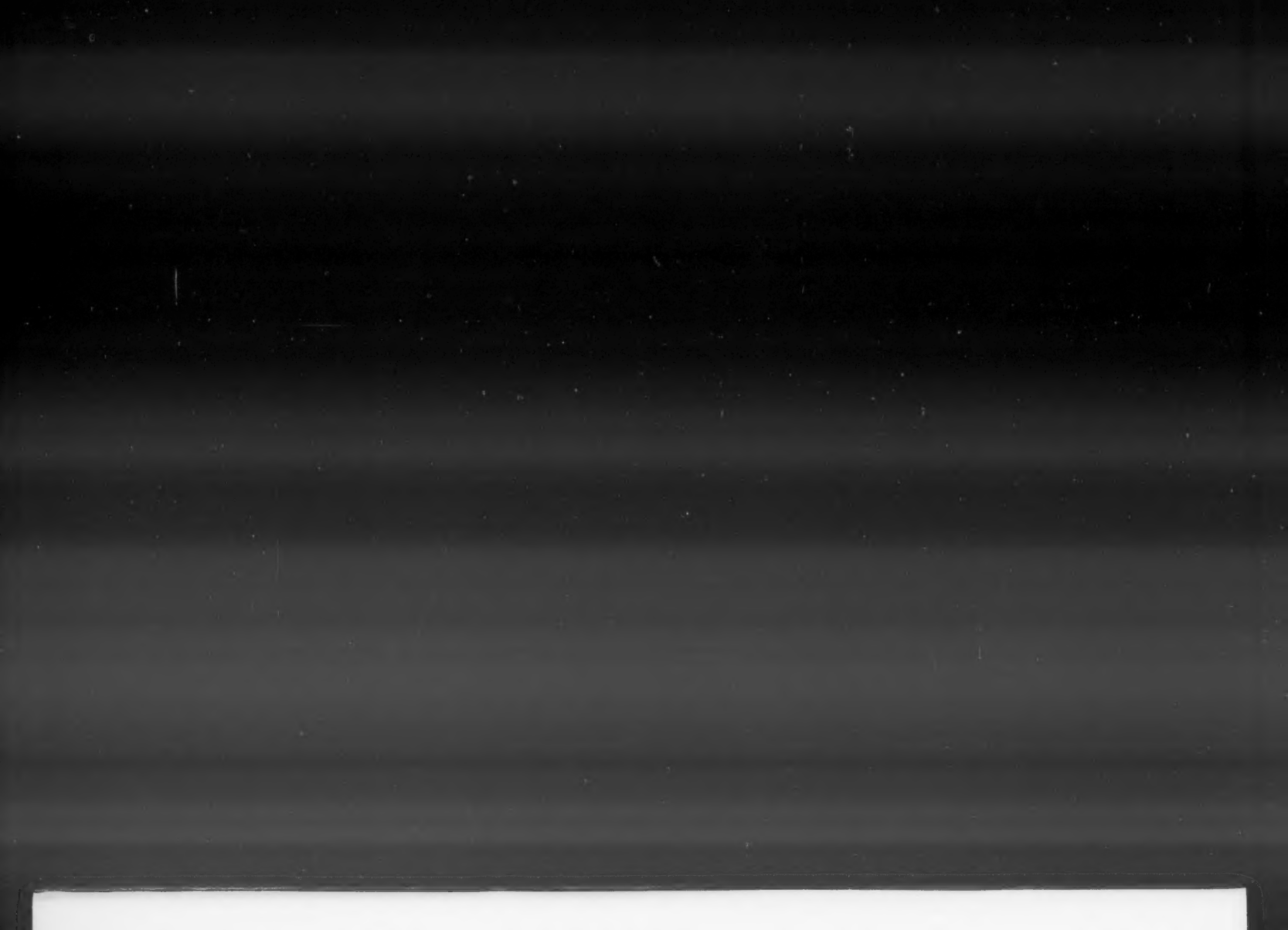
TABLE OF CONTENTS

to Volume 67, January–April 1971

ARMSTRONG, F. B. and HIROMI ISHIWA, Isoleucine–valine requiring mutants of *Salmonella typhimurium*. III: Valine-sensitive strains 171–182
ASHTON, G. C. and M. N. DENNIS, Selection at the transferrin locus in mice 253–265
BERGER, EDWARD M., A temporal survey of allelic variation in natural and laboratory populations of *Drosophila melanogaster* 121–136
CHALMERS, JR., JOHN H. and THOMAS W. SEALE, Supersuppressible mutants in Neurospora: mutants at the *tryp-1* and *tryp-2* loci affecting the structure of the multienzyme complex in the tryptophan pathway 353–363
CHILDS, J. D., A map of molecular distances between mutations of bacteriophage T4D 455–468
CHO, PAULA LEE, The genetics of mating type in a syngen of Glaucoma 377–390
CORDARO, J. CHRISTOPHER and ELIAS BALBINDER, Evidence for the separability of the operator from the first structural gene in the tryptophan operon of *Salmonella typhimurium* 151–169
COX, JAMES H. and HANS B. STRACK, Cold--sensitive mutants of bacteriophage λ 5–17
DOONER, H. K. and J. L. KERMICLE, Structure of the R^r tandem duplication in maize 427–436
DUNN, L. C. and DOROTHEA BENNETT, Further studies of a mutation (*Low*) which distorts transmision ratios in the house mouse 543–558
ERWAY, LAWRENCE C., ALEX S. FRASER and LUCILLE S. HURLEY, Prevention of congenital otolith defect in pallid mutant mice by manganese supplementation 97–108
GALBRAITH, DONALD B., Expression of genes at the agouti locus and mitotic activity of the hair bulb of the mouse 559–568
GLASS, J. and J. K. BHATTACHARJEE, Biosynthesis of lysine in Rhodotorula: accumulation of homocitric, homoaconitic, and homoisocitric acids in a leaky mutant 365–376
GORMAN, JESSICA A. and JOHN GORMAN, Genetic analysis of a gene required for the expression of allele-specific missense suppression in *Saccharomyces cerevisiae* 337–352
HALSALL, DOROTHY M. and D. E. A. CATCHESIDE, Structural genes for DAHP synthase isoenzymes in *Neurospora crassa* 183–188
HASSAN, G. M. and A. W. NORDSKOG, Effects of egg size and heterozygosis on embryonic growth and hatching speed 279–285
HOCHMAN, BENJAMIN, Analysis of chromosome *4* in *Drosophila melanogaster*. II: Ethyl methanesulfonate induced lethals 235–252
KOSUDA, KAZUHIKO and DAIGORO MORIWAKI, Increase of genetic variability through recombination in *Drosophila melanogaster* 287–304
KRYLOV, V. N. and T. G. PLOTNIKOVA, A suppressor in the genome of phage T4 inhibiting phenotypic expression of mutations in genes *46* and *47* 319–326
LEAMY, LARRY J. and H. EVERETT HRUBANT, Effects of alleles at the agouti locus on odontometric traits in the C57BL/6 strain of house mice 87–96
LEFEVRE, JR., G., Salivary chromosome bands and the frequency of crossing over in *Drosophila melanogaster* 497–513
MARUYAMA, TAKEO, The rate of decrease of heterozygosity in a population occupying a circular or a linear habitat 437–454
MIKLOS, GEORGE L. GABOR and SPENCER SMITH-WHITE, An analysis of the instability of Segregation-Distorter in *Drosophila melanogaster* 305–317
MISHRA, N. C., Heterokaryosis in *Neurospora sitophila* 55–59
MOMOSE, HARUO and LUIGI GORINI, Genetic analysis of streptomycin dependence in *Escherichia coli* 19–38
MUKHERJEE, A. S. and ASHOKE K. DAS, Segregation distortion and crossing over in males of *Drosophila ananassae*. I: Preliminary genetic analysis 521–532
MURAKAMI, AKIO, Radiation-induced recessive visible mutations of oocytes during meiosis in the silkworm 109–120
NAWA, SABURO, BUNGO SAKAGUCHI, MASA-AKI YAMADA and MITSUO TSUJITA, Hereditary change in Bombyx after treatment with DNA 221–234
NORDSKOG, A. W. and G. M. HASSAN, Direct and maternal effects of egg-size genes on hatchability 267–278
NOVAK, DENNIS R. and ADRIAN M. SRB, Means for the recovery of homokaryotic segregants following sexual crosses in *Neurospora tetrasperma* 201–208
NOVAK, DENNIS R. and ADRIAN M. SRB, Genetic alterations of ascus development in *Neurospora tetrasperma* 189–199

OSHIMA, YASUJI and ISAMU TAKANO, Mating types in Saccharomyces: their convertibility and homothallism 327–335
PHILLIPS, RUTH BROSI, Inheritance of immobilization antigens in syngen 7 of *Tetrahymena pyriformis:* evidence for a regulatory gene 391–398
RICK, CHARLES M., The tomato *Ge* locus: Linkage relations and geographic distribution of alleles 75–85
SAND, SEAWARD A., A mutable allele at the *E* locus in Nicotiana 61–73
SCHWARTZ, DREW, Genetic control of alcohol dehydrogenase—a competition model for regulation of gene action 411–425
SCHWARTZ, DREW, Subunit interaction of a temperature-sensitive alcohol dehydrogenase mutant in maize 515–519
SHAFFER, B., I. BREARLEY, R. LITTLEWOOD and G. R. FINK, A stable aneuploid of *Saccharomyces cerevisiae* 483–495
SHANFIELD, BERNICE and ETTA KÄFER, Chemical induction of mitotic recombination in *Aspergillus nidulans* 209–219
SPRAGUE, G. F. and H. H. MCKINNEY, Further evidence on the genetic behavior of AR in maize 533–542
STUBER, C. W. and R. H. MOLL, Epistasis in maize (*Zea mays* L.). II: Comparison of selected with unselected populations 137–149
VAN HARTINGSVELDT, J., M. G. MARINUS and A. H. STOUTHAMER, Mutants of *Pseudomonas aeruginosa* blocked in nitrate or nitrite dissimilation 469–482
WALLACE, BRUCE, Milislav Demerec 1–3
WHITNEY, ELEANOR N., The *tolC* locus in *Escherichia coli* K12 39–53
YAMAZAKI, TSUNEYUKI, Measurement of fitness at the esterase-5 locus in *Drosophila pseudoobscura* 579–603
YAO, KENNETH T. S., Haploid cells in rat kangaroo corneal endothelium cultures and X-ray-induced chromosome aberrations 399–409
YOUNG, S. S. Y., The effects of some physical and biotic environments on heterosis of direct and associate genotypes in *Drosophila melanogaster* 569–578